

RFID Based Battery Charger Using Solar Panel

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Abstract: *In this paper the idea of this RFID based battery charger using solar panel helps us in the emergency posture by the way of charging our battery. In this generation and the future generation the battery is playing and will be play the another role of our life. The daily usage of this battery operated device like vehicle, laptop, mobile, it should be alive at every seconds without dead. In the way to give the life to this character our RFID card based battery charger using solar panel is used in the public places where the charging station is not available yet. We mostly face the low battery situation in the long time conversation, playing games, songs, at the interesting and serious condition the battery going to low means it brings our mood to irritation and tension. In case of battery operated vehicle if battery discharged then no way to charge it on highway or any other public place. To deal with these disappointment RFID card based battery charger is used by suddenly plugging the charger to the battery. These working of RFID based battery charger is simplified and used in where there is no conventional power obtained by the help of solar panel.*

Keywords: RFID Tags, EM18 Module Reader, crystal, Electrical vehicle, Microprocessor, Solar panels etc.

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